

Mindoro, Luzon, Samar, Leyte, Cebu and Mindanao" (Hachisuka 1931). The Royal Ontario Museum has 7 birds of the genus *Dicaeum* collected by Mounsey between 1 May 1909 and 12 October 1910. One, *Dicaeum a. australe*, was also collected at Camp Ialiti, Cebu, but on 24 July 1910. We conclude that *D. trigonostigma pallidius* was extant on Cebu Island until at least July of 1910.

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Specimens of extinct, endangered or rare birds in the Merseyside County Museums, Liverpool

by C. T. Fisher

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This inventory covers specimens of extinct, endangered or rare bird taxa held by the Department of Vertebrate Zoology, Merseyside County Museums.

Two major collections form the nucleus of these holdings. That of Lord Edward Smith Stanley, later XIIIth Earl of Derby, was bequeathed to the City of Liverpool in 1851 and was the foundation of the present institution. Canon H. B. Tristram's first collection was sold to the museum in 1896, whilst his second went to the Academy of Natural Sciences, Philadelphia in 1906. Most Derby and Tristram material is reasonably well documented and the former is also supported by archival records held in the Merseyside County Museums, the City of Liverpool Library or at Knowsley Hall, Liverpool. An account of many of the type specimens included in these collections has been published by Wagstaffe (1978).

The criterion for inclusion of a taxon in the present list is mention by King (1978-1979), Fisher *et al.* (1969) or Greenway (1967), while the recognition of a taxon as extinct follows Greenway (1967) and Morony *et al.* (1975).

NOTATION

Unless otherwise indicated, each specimen is adult and in the form of a cabinet skin. The order and nomenclature of Peters (1931-1970) is followed

except where Morony *et al.* (1975) or Greenway (1967) are used in place of the unpublished volumes 8 and 11.

- coll. —collected by.
 ex. —unsexed specimen.
 leg. —received from.
 n.l. —unlabelled specimen.
 † —extinct taxon.
 [D] —collection of the XIIIth Earl of Derby.
 [T] —collection of Canon H. B. Tristram.
 B.M.N.H. —British Museum (Natural History), London.
 B.T.O. —British Trust for Ornithology.
 R.I.L. —Royal Institution, Liverpool.
 R.S.B.A. —Royal Society and British Association joint committee for the Zoology of the Sandwich Islands (donated by Alfred Newton, President).
 U.S.N.M. —United States National Museum, Smithsonian Institution, Washington.
 Z.S.M. —Museum of the Royal Zoological Society, London.

Non-Passerines

- Spheniscus demersus* (Linnaeus): 2 exx.—off the Cape of Good Hope, coll. E. L. Layard, [T]. ♂—Seal Island, Table Bay, S. Africa, [D] leg. Warwick 1845. Imm. ♂, 2 exx. (1 mounted)—n.l.
Diomedea albatrus Pallas: second year ♂, 1 ex.—Hakodati, Japan, coll. Pryer, [T] leg. H. Seebohm.
Procellaria parkinsoni G. R. Gray: juv.—Wellington, New Zealand, coll. 1873, [T].
Pterodroma caribbaea Carte: ♂—Cinchoma Point, Jamaica, coll. W. Bock 17.11.1879, [T] leg. E. Newton.
Pterodroma phaeopygia phaeopygia (Salvin): ♂—Wenman Island, Galapagos Group, coll. R. H. Beck 3.8.1897, leg. W. Rothschild 1899.
Pterodroma leucoptera leucoptera (Gould): 1 ex.—Makira, Solomon Islands, coll. G. E. Richards, [T].
Phalacrocorax carunculatus carunculatus (Gmelin): juv.—Queen Charlotte Sound, New Zealand, leg. W. L. Buller 1901.
Nannopterum harrisi (Rothschild): ♂—Narborough Island, Galapagos Group, coll. G. M. Green, leg. Rosenberg 1902.
Zebrilus undulatus (Gmelin): 1 ex.—River Amazon, [D] leg. J. Gould 1835. 1 ex.—[D] leg. Tucker 1834. Both these specimens are described and figured in Forbes (1901). 1 ex.—[D].
Geronticus eremita (Linnaeus): ♂, ♀, imm. ♀—Saracenic Castle, Birajak, R. Euphrates, coll. H. B. Tristram 9.6.1881, [T]. Tristram (1882) describes the collection of these 3 birds. ♂—Sahara, coll. H. B. Tristram 3.6.1856, [T]. ♂—Ethiopia, [D] leg. J. Gould.
Geronticus calvus (Boddaert): 3 ♀♀—Transvaal, S. Africa, coll. T. Ayres 1871, [T]. 2 ♂♂—[D] from Derby Aviary (one died in 1846). Imm.—South Africa, coll. Tucker 25.2.1839, [D]. 1 ex., imm.—South Africa, coll. Burk, [D].
Nipponia nippon (Temminck): 1 ex.—Shanghai, China, coll. Michie, [T] leg. Swinhoe 1889. Imm.—Japan, [T]. 1 ex.—Yezo, Japan, [D] leg. J. Leadbeater 1841.
Lophotibis cristata (Boddaert): ♂—Malagasy, [T] leg. Liverpool Museum (previously from E. Gerrard). 4 ♂♂, 2 ♀♀—Malagasy, leg. E. Gerrard.
Nesochen sandvicensis (Vigors): type specimen—Hawaiian Islands, [T] leg. Z.S.M. (previously obtained from T. C. Eytton). ♀—Hawaiian Islands, [D] (died in Derby Aviary 1837). Juv.—[D] (hatched in Derby Aviary 13.4.1834 and died two days later).
Chloephaga rubidiceps Sclater: ♂—Falkland Islands, coll. W. Gunn, on Sir J. Franklin's expedition, [T]. 1 ex.—Falkland Islands, coll. J. D. Hooker, [D] leg. W. Hooker 1845. ♀—Falkland Islands, [D] leg. B. Isaacson 1844. 1 ex.—Falkland Islands, coll. Whittaker, [D] leg. J. Leadbeater 1842. 1 ex.—Falkland Islands, coll. Antarctic expedition, [D] leg. B. Isaacson. 1 ex.—leg. B.M.N.H. 1898.

- Dendrocygna arborea* (Linnaeus): 1 ex.—Almezein, Santa Domingo, coll. A. S. Toogood 1887, [T]. 1 ex.—Jamaica, [T] leg. T. C. Eyton. ♂—[D] (died in Derby Aviary 1847).
- Asarcornis scutulata* (S. Müller): 2 ♀♀—Kitta Djawa, Sumatra, coll. H. O. Forbes, [T].
- Nesonetta aucklandica* G. R. Gray: ♀—Auckland Islands, coll. Travers 1894, [T]. 2 ♂♂, 2 ♀♀—Auckland Islands, leg. W. Buller 1901.
- †*Rbodonessa caryophyllacea* (Latham): ♂—Bengal, India, [T] leg. Lilford (died in Lilford Aviary 1882). 2 ♂♂, ♀—[D] leg. T. C. Eyton. ♀—leg. H. A. Fooks 1962 (died in Calcutta Zoological Gardens 1930). ♀ (mounted)—n.l.
- †*Campторhynchus labradorius* (Gmelin): ♂ (mounted)—Halifax Harbour, Nova Scotia, Canada, coll. J. W. Wedderburn, Apr. 1852, [T] leg. J. W. Wedderburn 1876. Imm. ♂ (mounted)—[D] leg. J. Gould 1833. ♀ (mounted)—North America, [D] leg. T. C. Eyton.
- Mergus octosetaceus* Vieillot: ♂—Bahia, Brazil, leg. C. J. Leyland 1859.
- Buteo galapagoensis* (Gould): imm: ♀—Albemarle Island, Galapagos Group, coll. Harris 21.11.1897. ♂—Albemarle Island, coll. Beck 18.11.1897. 1 ex.—Albemarle Island, coll. Harris 15.11.1897. All 3 leg. W. Rothschild 1899.
- Buteo solitarius* Peale: 1 ex.—Island of Hawaii, coll. Aug. 1891, [T] leg. S. B. Wilson.
- Leucopternis polionota* Kaup: 1 ex.—[D].
- Morphnus guianensis* (Daudin): 1 ex. (mounted)—n.l.
- Harpia harpyja* (Linnaeus): 1 ex. (mounted)—n.l.
- Pithecophaga jefferyi* Ogilvie-Grant: 1 ex.—Philippine Islands, leg. B.T.O. 1969 (previously Hewitt collection, died in Paignton Zoo).
- Haliaeetus albicilla* (Linnaeus): ♂—Christiansund, Nordmore, Norway, coll. B. Hansen 28.10.1926, leg. C. Richmond-Brown 1966. 2 exx. (mounted)—n.l.
- Falco peregrinus anatum* Bonaparte: ♀—Beaverhills Lake, Alberta, Canada, coll. W. Rowan 4.8.1938. ♂—Beaverhills Lake, coll. W. Rowan 20.8.1929. ♀—Beaverhills Lake, coll. W. Rowan 24.9.1924. ♂—Crescent Beach, Nova Scotia, Canada, coll. S. K. Patten 22.9.1924. ♀—Drumheller, Alberta, coll. W. Rowan, May 1924. All 5 leg. B.T.O. 1969 (previously Hewitt collection). Imm.—Swan Island, Maine, U.S.A., coll. Dyer 25.2.1867.
- Falco peregrinus cassini* Sharpe: ♂, 1 ex.—Chile, [D] leg. Bridges 1842.
- Falco punctatus* Temminck: 1 ex.—Mauritius, coll. 1873, [T] leg. A. C. Smith.
- Falco araea* (Oberholser): 2 ♂♂, ♀—Félicité, Seychelles, coll. H. L. Warry 1879, [T]. ♂—Seychelles, coll. E. P. Wright 1868, [T] leg. A. Newton.
- Megapodius laperouse senex* Hartlaub: 1 ex.—Pelew Islands, coll. Kubary 1878, [T].
- Macrocephalon maleo* S. Müller: 1 ex.—North Celebes, coll. von Faber 1883, [T] leg. Leiden Museum.
- Crax alberti alberti* Fraser: ♀—[D].
- Crax pinima* Pelzeln: ♀—Brazil; [D].
- Pipile jacutinga* (Spix): 1 ex.—[D].
- Oreophaps derbianus* G. R. Gray: 1 ex.—Volcan de Fuego, Duenas, Guatemala, [T] leg. O. Salvin. Type specimen: ♂—Volcan de Fuego, coll. J. Quiñones c. 1843, [D] leg. C. Klee per J. Bates.
- †*Tympanuchus cupido cupido* (Linnaeus): ♂—leg. W. H. Barrow 1957 (previously Adcock collection).
- †*Coturnix novaezelandiae* Quoy and Gaimard: ♀—Plains, Port Cooper, Middle Island, New Zealand, coll. F. Strange 4.4.1849, [D] leg. J. Gould 1850. ♂—New Zealand, coll. F. Strange, [D] leg. J. Gould 1850. ♂—New Zealand, [D] leg. Warwick 1845. ♂, ♀ (mounted)—n.l.
- †*Ophrysis superciliosa* (J. E. Gray): type specimens: ♂, ♀—Himalayas, India, [D] leg. Tucker 1836.
- Tragopan melanocephalus* (J. E. Gray): ♂, ♀—Kooloo, coll. G. Henderson (♂ Feb. 1870), [T]. ♀—Northwest Himalayas, [T] leg. J. H. Gurney. ♂—India, [D] leg. Lockett 1849. Imm. ♂—[D] leg. Warwick 1848. ♂—[D] leg. J. Leadbeater 1831. ♀—[D] leg. Tucker 1831. Imm. ♂—Punjab, India, coll. F. H. Kirby, leg. F. H. Kirby 1872. ♂—Gurwhal, India. ♂—n.l. ♀ (mounted)—n.l.
- Tragopan blythi* (Jerdon): ♂—leg. Spedan-Lewis Trust 1975.
- Tragopan caboti* (Gould): ♂ (mounted)—Himalayas, India.
- Crossoptilon crossoptilon crossoptilon* (Hodgson): ♂—Ta-Chun-Lu, Tibet, coll. Pratt 1890, [T] leg. H. Seebohm 1893.
- Hierophas swinhoii* (Gould): ♀—Tamsui, Formosa, coll. R. Swinhoe, Mar. 1865; [T]. ♂—Formosa, coll. R. Swinhoe, [T]. Juv.—leg. E. Bartlett 1871 (died in Zoological Gardens, London). ♀—Formosa, leg. H. Bright.
- Lobiophas bulweri* Sharpe: ♂, ♀—Mt. Kalulong (2000 ft), Borneo, coll. C. Hose, May 1893, [T].

Catreus wallichii (Hardwicke): ♂—Gurlaah-in-Kotckhaie, coll. G. Henderson 6.2.1871, [T] leg. G. Henderson. ♀—[D] leg. J. E. Gray 1845. ♂—Himalayas, [D] leg. Tucker 1832. ♂—[D]. 2 juvs.—leg. L. Fraser 1866 (died in Zoological Gardens, London, 1865). ♂—Punjab, leg. F. H. Kirby 1872. ♂ (mounted)—n.l.

Symaticus ellioti (Swinhoe): 2 ♂♂, ♀—Ningpo, China, coll. R. Swinhoe 1872, [T]. ♂—leg. Meinertzhagen 1904 (died in captivity 1893).

Polyplectron emphanum Temminck: ♂—Palawan, Philippines, coll. A. Everett, Feb. 1894, eg. E. Gerrard 1899. ♂ (mounted)—leg. Cheltenham College Museum.

Mesoenas unicolor (Desmurs): ♂—Savary, Malagasy, coll. Audebert 2.4.1878, [T] leg. Leiden Museum.

Grus americana (Linnaeus): 1 ex. (mounted)—n.l.

†*Cabalus modestus* (Hutton): 1 ex.—Mangare, Chatham Islands, coll. W. Hawkins 1892, [T] leg. H. O. Forbes. 1 ex. (pelvis only)—Chatham Islands.

Tricholimnas sylvestris (Sclater): 1 ex.—Lord Howe Island, coll. E. L. Layard, [T].

†*Nesoclopeus poeciloptera* (Hartlaub): 1 ex.—Rewa river, Fiji Islands, coll. 1881, [T] leg. V. Williamson.

†*Porzana palmeri* Frohawk: 1 ex. (skin with attached sternum)—Laysan Island, coll. Palmer 1892, [T] leg. Hartlaub.

†*Pareudiastes pacificus* Hartlaub and Finsch: 1 ex.—Samoa, coll. S. J. Whitmee 1873, [T]. ♀—Punai, Samoa, coll. S. J. Whitmee 1872, [T].

†*Porphyrion albus* (White): 1 ex. (mounted) (the type of *Porphyrion stanleyi* Rowley)—? Lord Howe Island, [D] leg. W. Bullock 1819.

Rhynchotus jubatus J. Verreaux and Des Murs: ♂—Baie du Sud, New Caledonia, coll. E. L. Layard 4.7.1878, [T]. 1 ex. (complete skeleton)—New Caledonia, leg. E. Gerrard 1883.

Chloriotis nigriceps (Vigors): ♂—Sirsa, Punjab, India, coll. G. Henderson 1870, [T]. ♂—[D].

Haematopus ostralegus meadewaldoi Bannerman: ♂—Isla Graciosa, Canary Islands, coll. E. G. Meade-Waldo and H. B. Tristram 7.4.1890, [T].

Vanellus macropterus (Wagler): 2 exx.—Timor, [D] leg. J. Gould 1841.

Thinornis novaeseelandiae (Gmelin): 4 ♀♀—S.E. Island, Chatham Islands; coll. W. Hawkins 7.5.1892, 12.5.1892, [T]. ♀—Chatham Islands, coll. W. Hawkins, leg. H. O. Forbes 1898.

Numenius borealis (J. R. Forster): ♂—Picton, Nova Scotia, Canada, coll. McCulloch 3.3.1835, [D]. 2 exx. (mounted)—leg. Cheltenham College Museum 1963. 1 ex. (mounted)—leg. Scarborough Museum 1963 (previously British Armitage collection).

Coenocorypha aucklandica pusilla (Buller): 3 ♂♂, ♀—S.E. Island, Chatham Islands, coll. W. Hawkins, May 1892, [T]. 2 ♀♀—S.E. Island; coll. W. Hawkins May 1892, leg. H. O. Forbes 1898.

Coenocorypha aucklandica huegeli (Tristram): type specimen—The Snares, off New Zealand, coll. A. von Hügel 23.11.1874, [T]. This specimen is figured in Sir Walter Buller's "Birds of New Zealand" (2nd Ed.) as *Gallinago pusilla* Buller.

Coenocorypha aucklandica aucklandica (G. R. Gray): 1 ex., juv.—Mount Teviot, Auckland Islands, coll. J. McIvor, Dec. 1874, [T] leg. A. von Hügel.

Himantopus himantopus novaeseelandiae Gould: 1 ex.—New Zealand, coll. 1865, [T] leg. C. J. Langlands. 1 ex.—New Zealand, [D] leg. Stanley 1845.

Himantopus himantopus knudseni Stejneger: ♂—Oahu, Hawaiian Islands, coll. Jan. 1893, [T] leg. S. B. Wilson.

†*Rhinoptilus bitorquatus* (Blyth): 1 ex.—E. India, coll. 1850, [T] leg. T. C. Eyton.

Larus audouinii Payraudeau: 1 ex.—[D] leg. J. Leadbeater 1841. 1 ex.—[D].

Sterna balaenarum (Strickland): ♂—Robben Island, S. Africa, coll. E. L. Layard 22.11.1869, [T]. 1 ex.—Damaraland, S. Africa, coll. C. J. Andersson, [T].

†*Pinguinus impennis* (Linnaeus): osteological material—n.l. 1 egg—[D].

†*Raphus cucullatus* (Linnaeus): osteological material—leg. H. P. Higginson 1866 and W. Stanley 1867.

†*Raphus solitarius* (Sélys-Longchamps): osteological material—[T].

Ptilinopus roseicapilla (Leeson): 2 ♂♂—Guam, Marianne Islands, coll. 23.2.1895, 5.7.1895, leg. W. Rothschild 1899.

Drepanoptila holosericea (Temminck): ♂—Moindou, New Caledonia, coll. E. L. Layard 18.10.1881, [T]. ♀—Dombea, New Caledonia, coll. E. L. Layard 13.6.1878, [T].

Ducula whartoni (Sharpe): ♂—Christmas Island, coll. J. J. Lister 1.10.1887, [T].

Ducula goliath (G. R. Gray): ♂—Yahoué, New Caledonia, coll. E. L. Layard 2.10.1880, [T].

Hemiphaga novaeseelandiae chathamensis (Rothschild): ♂—Chatham Islands, coll. W.

Hawkins, May 1892, [T]. 1 ex.—Chatham Islands, coll. W. Hawkins, leg. H. O. Forbes 1898.

Columba trocaz trocaz Heineken: ♀—Madeira, [T] leg. Lilford Aviary (died in 1891). ♂—Madeira, coll. F. D. Godman 26.6.1871, [T]. ♂—Madeira, coll. 26.2.1884.

Columba trocaz bollii Godman: ♂—La Galga, Palma, W. Canaries, coll. H. B. Tristram 20.4.1889, [T]. ♂—Gomera, W. Canaries, coll. H. B. Tristram 12.5.1888, [T]. ♀—Laurel forest, St. Ursula (4200 ft), Teneriffe, coll. H. B. Tristram 27.4.1888, [T]. ♀—Gomera, coll. E. G. Meade-Waldo 1888, leg. Lilford Aviary (died 1890).

Columba junoniae Hartert: ♂—Palma, W. Canaries, coll. H. B. Tristram 20.3.1890, [T]. ♀—La Galga, Palma, coll. H. B. Tristram 20.4.1889, [T]. ♂—Gomera, W. Canaries, coll. H. B. Tristram 9.5.1888, [T]. ♂, imm.—San Ambrosio, Valli Ermoso, Gomera, coll. H. B. Tristram, May 1888, [T]. ♀—Gomera, coll. H. B. Tristram 9.5.1888, leg. W. H. Barrow 1957.

Columba jowei (Stejneger): 1 ex.—Riu Kiu Islands, Japan, coll. M. Namiye, Jan. 1887, [T].

Nesoenas mayeri (Prévost): 1 ex.—Mauritius, [D].

†*Ectopistes migratoria* (Linnaeus): imm.—Old Soldier's Home, Columbia, coll. E. Coues 14.10.1859, [T] leg. E. Coues. ♂—Nebraska, coll. F. V. Hayden, [T] leg. U.S.N.M. ♂—N. America, [T]. imm.—coll. Dyson, [D] leg. Dyson 1849. imm.—[D] leg. J. Leadbeater 1842. ♂—[D] leg. W. Bullock Museum. ♂, ♀—[D]. ♂—U.S.A., coll. Gough, leg. Rushton 1922. ♂—leg. E. R. Paton 1914. 2 ♂♂ (1 mounted)—leg. Salisbury, South Wilts and Blackmore Museum. 2 ♂♂ (1 mounted), ♀—n.l. 2 eggs—leg. R. Wallace (previously from Jefferys 1904).

Streptopelia picturata rostrata (Bonaparte): 2 exx.—Marianne, Seychelles, coll. H. Warry 1879, [T]. 1 ex.—Cousin Island, Seychelles, coll. H. Warry 1879, [T]. 1 ex.—Seychelles, coll. E. P. Wright 1868, [T] leg. A. Newton.

Claravis godefrida (Temminck): ♀—[D] leg. Tucker 1836. ♂—[D].

Gallinula rubescens (Viellot): 2 ♀♀—Marquesas Islands, leg. H. Bright 1927. Imm.—(first bred in Europe) leg. H. Bright 1927. ♂—Nukahiva, Marquesas Islands, leg. H. Bright 1926.

Didunculus strigirostris (Jardine): ♂, 1 ex.—Samoa, coll. 1874, [T] leg. S. J. Whitmee. 1 ex.—Mammea, Samoa, [T] leg. S. J. Whitmee. 2 ♂♂ (mounted)—Samoa.

Strigops habroptilus G. R. Gray: 1 ex.—New Zealand, coll. W. Fox, [T]. 1 ex.—[T] leg J. H. Gurney. 1 ex. (mounted)—coll. 24.6.1901. 1 ex. (mounted)—leg. Warrington Museum 1976. 1 ex.—Lake Wanaka, South Islands, leg. Hutton. ♀ (mounted)—Lyll Bay. ♂, 2 exx. (mounted)—n.l. 5 exx.—n.l.

†*Nestor productus* (Gould): 1 ex. (previously mounted)—Phillip Island, coll. 1788, [T]: bought by Gov. Phillip in 1788 and then passed to Dr. Leach. The bird was then bought by XIIIth Earl of Derby at Christie's sale of 1811, Tristram subsequently obtaining the specimen by exchange in 1873. 1 ex.—Phillip Island, [D] leg. Tucker 1833. This bird was given to Captain Sturt, probably by John Gould, to bring to England. It has a very long bill with a strongly grooved culmen.

Vini peruwiana (P. L. S. Muller): 1 ex.—Tahiti, [D] leg. J. Leadbeater 1844. 1 ex.—Society Islands, [D] leg. Nightingale. ♂—[D].

Vini ultramarina (Kuhl): 2 exx., imm.—Marquesas Islands, coll. J. L. Green, Mar. 1880, [T]. 1 ex.—Marquesas Islands, [T] leg. E. Verreaux. 1 ex.—[D] leg. T. M. Williams 1847. 1 ex.—Marquesas Islands, [D] leg. B. Isaacson 1845. 1 ex.—[D] leg. J. Leadbeater 1845. 1 ex.—Nukahiva, Marquesas Islands, [D] leg. J. Gould 1843. 1 ex. (partial albino)—[D] leg. J. Leadbeater.

Anodorhynchus glaucus (Viellot): 1 ex.—Brazil, [D] leg. J. Leadbeater 1835.

†*Ara tricolor* Bechstein: ♀—Mexico, [D] (died in Derby Aviary).

Aratinga guarouba (Gmelin): 1 ex.—Brazil, [D] (died in Derby Aviary 1838). ♀—Cayenne, [D] leg. W. Bullock Museum.

†*Conuropsis carolinensis carolinensis* (Linnaeus): 1 ex.—Danford, Florida, coll. Loud, Mar. 1884, [T] leg. H. K. Coale. 1 ex.—Fort Colt, coll. C. S. McCarthy, [T] leg. U.S.N.M. 1 ex.—[D] (died in Derby Aviary 1812).

Rhynchopsitta pachyrhyncha pachyrhyncha (Swainson): 1 ex.—Mexico, [D] leg. Tucker. 1 ex.—Mexico, [D]. 1 ex.—[D]. 1 ex.—leg. Bootle Museum 1915 (previously from R.I.L.).

Pyrrhura cruentata (Wied): 1 ex.—[D] leg. Warwick 1848. 1 ex.—South America, [D] leg. W. Bullock museum. 1 ex.—leg. Bootle Museum 1915 (previously from R.I.L.).

Touit melanotus (Wied): 1 ex.—near Rio de Janeiro, Brazil, [D] leg. Warwick 1848. 1 ex.—Brazil, [D] leg. Tucker 1831.

Touit surda (Kuhl): ♂—Bahia, Brazil; coll. E. Huster, [T] leg. H. K. Coale. ♂—near

- Rio de Janeiro, Brazil, [D] leg. Warwick 1848. ♂—Pernambuco, Brazil, [D]. ♂—leg. Warrington Museum 1976. 2 ♂♂—n.l.
- Amazona vittata vittata* (Boddaert): 1 ex.—[D] (died in Derby Aviary 1835).
- Amazona pretrei* (Temminck): 1 ex.—Rio Grande, Brazil, [D] leg. Johnson 1837.
- Amazona brasiliensis* (Linnaeus): 1 ex.—Brazil, [D].
- Amazona guildingii* (Vigors): **syntype**—St. Vincent Island, coll. L. Guilding 1826, [T] leg T. C. Eyton 1881 (previously from Z.S.M. 1826). 1 ex.—St. Vincent Island, [D] leg Tucker. 1 ex.—St. Vincent Island, leg. Norwich Castle Museum (previously from A. Extra).
- Amazona imperialis* Richmond: 1 ex.—[D]. ♀—Island of Dominica, Lesser Antilles, coll. 10.12.1902, leg. W. H. Barrow 1957.
- Coracopsis nigra barkelyi* E. Newton: 1 ex.—Seychelles, coll. 1880; [T]. 2 exx.—Praslin Island, Seychelles, coll. H. L. Warry 1879, [T].
- †*Pittacula eupatria wardi* (E. Newton): imm. ♂—Seychelles, coll. H. L. Warry, June 1881, [T]. ♀—Mahé, Seychelles, coll. H. L. Warry, Mar. 1880, [T].
- Psephobus pulcherrimus* (Gould): imm. ♂—Oakey Creek, Darling Downs, New South Wales, coll. 13.7.1844, [D] leg. J. Gould 1845. ♂—Condamine River, Darling Downs, coll. 17.5.1844, [D] leg. J. Gould 1845. ♂—New South Wales, [D] leg. Williams 1845.
- Neophema chrysoaster* (Latham): ♂—Actaon Islands, Tasmania, [D] leg. J. Gould 1840. ♀—Tasmania, [D] leg. J. Gould 1840. Imm.—Hobart Town, Tasmania, [D] leg. W. Holme 1828. ♂ (mounted)—n.l.
- Neophema pulchella* (Shaw): 2 ♀♀—Victoria; coll. S. B. Piers, [T]. ♂—New South Wales, [T] leg. R. M. Middleton. ♀—New South Wales, [D] (died in Derby Aviary 1844). ♂—New South Wales, [D] leg. J. Leadbeater 1836. ♂—Hobart, Tasmania, [D] leg. J. Leadbeater 1836. ♀—New South Wales, [D] leg. J. Leadbeater. ♀—New South Wales, leg. R. Wagstaffe (previously Gee collection). ♀—leg. Ismay. ♂ (mounted)—n.l.
- Neophema splendida* (Gould): ♂, ♀—Swan River, Australia, [D] leg. J. Leadbeater 1846.
- Eumyphicops cornutus waeensis* (Layard and Layard): **type specimens**: ♂, ♀—Uvea, Loyalty Islands, coll. E. L. Layard 25.7.1880, [T]. Imm.—n.l.
- Cyanoramphus novaezelandiae cookii* (G. R. Gray): ♂—Norfolk Island, coll. W. Crowfoot 1886, [T] leg. P. H. Metcalfe. 1 ex.—[D]. This bird is the type of *C. magnirostris* Forbes and Robinson, formerly considered to be a synonym of *C. zealandicus* (Latham) (see Sims 1953).
- †*Cyanoramphus zealandicus* (Latham): ♀—Tahiti, [D] leg. J. Leadbeater 1845. ♂—Tahiti, [D] leg. J. Banks (previously from W. Bullock Museum).
- Cyanoramphus auriceps forbesi* Rothschild: 1 ex.—Chatham Islands, leg. W. Rothschild 1927 (previously Palmer collection).
- Cyanoramphus malherbi* Souancé: 1 ex.—South Island, New Zealand, coll. P. Seymour 1891, [T]. ♀—Port Cooper, coll. F. Strange, [D] leg. J. Gould 1850. 1 ex.—n.l.
- Pezoporus wallicus flaviventris* North: 1 ex.—South Australia, coll. Peele; [T]. 1 ex.—Australia, [D].
- Pezoporus wallicus wallicus* (Kerr): 1 ex.—Australia, coll. W. Hornby 17.5.1847, [D]. 3 exx.—Australia, [D]. 1 ex.—leg. J. Ismay. 2 exx. (1 mounted)—n.l.
- Geopsittacus occidentalis* Gould: 1 ex.—Australia, [D] leg. Sturt (previously from J. Gould 1847).
- Phaenicophaeus pyrrocephalus* (Pennant): 1 ex.—Ceylon, [T]. 1 ex.—[D]. 1 ex. (mounted)—n.l.
- †*Coua delalandei* (Temminck): 1 ex.—Malagasy, [D]. (See Morgan 1975.)
- Otus insularis* (Tristram): **type specimen**—Mahé, Seychelles, coll. H. L. Warry, Apr. 1880, [T].
- Ninox novaeseelandiae undulata* (Latham): 1 ex.—Norfolk Island, coll. P. H. Metcalfe 1888, [T].
- Sceloglaux albifacies albifacies* (G. R. Gray): 2 exx.—New Zealand, coll. E. Stanley, [D] leg. E. Stanley. ♀—Otago, South Island, New Zealand, leg. E. Gerrard.
- †*Aegotheles savesi* Layard and Layard: **type and unique specimen**: ♂—Tonque, near Noumea, New Caledonia, coll. M. Savés 11.4.1880, [T].
- Ramphodon dobrnii* (Bourcier and Mulsant): ♂—Rio de Janeiro, Brazil, leg. Taylor collection.
- Coeligena prunellei* (Bourcier): ♂ (mounted)—[D] leg. Williams 1847. ♂ (mounted)—[D] leg. J. Leadbeater 1842. ♂, ♀—New Granada, Columbia, S. America, coll. J. Nichol 1962, leg. J. Nichol collection. 1 ex. (mounted)—leg. Taylor collection. 1 ex. (mounted)—n.l.
- Pharomacrus mocino mocino* de la Llave: ♂—Rashé, Vera Paz, Guatemala, coll. O. Salvin, Mar. 1860, [T]. Imm. ♀—[D] leg. J. Leadbeater 1844. 2 ♂♂, ♀—Coban, Vera Paz, coll.

A. de Lattre, June 1843, [D]. 2 ♂♂—[D]. ♂—Guatemala. 4 ♂♂ (2 mounted), ♀ (mounted)—n.l.

Halcyon cinnamomina cinnamomina Swainson: ♂, ♀—Guam, Marianne Islands, coll. W. Rothschild 29.1.1895 (♂), 4.2.1895 (♀), leg. W. Rothschild 1899.

Brachypteracias leptosomus (Lesson): ♂—interior of Malagasy, coll. A. Majastre 24.4.1881, [T]. 1 ex.—Malagasy, coll. W. D. Cowan, [T].

Brachypteracias squamigera Lafresnaye: ♀—Mointenbato, Malagasy, coll. Audebert 5.5.1878, [T] leg. Leiden Museum. 1 ex.—Malagasy, coll. W. D. Cowan, [T].

Atelornis pittoides (Lafresnaye): 1 ex.—Ankafana, South Betsileo, Malagasy, coll. W. D. Cowan, Mar. 1881, [T]. 1 ex.—Malagasy, coll. Crossley, [T].

Atelornis crossleyi Sharpe: 1 ex.—Malagasy, [T] leg. E. Gerrard.

Rhinoplax vigil (J. R. Forster): 1 ex. (mounted)—Malay Peninsula, coll. Glasspoole, leg. Norwich Museum. 1 ex. (mounted)—North British Borneo.

Dryocopus javensis richardsi Tristram: type specimen: ♀—Tsu-Shima Island, Japan, coll. G. E. Richards 24.8.1875, [T].

Dendrocopus borealis borealis (Viellot): ♂—Rosewood, Florida, U.S.A., coll. G. W. Chamberlain 18.11.1883, [T] leg. H. K. Coale. ♂—North America, coll. J. G. Bell 30.8.1847, [T] leg. U.S.N.M. ♂, ♀—[D] leg. W. Bullock Museum 1811. ♂—U.S.A., [D].

Campephilus principalis principalis (Linnaeus): ♂—Louisiana, [T] leg. U.S.N.M. ♀—Texas, coll. Drummond, Feb. 1835, [D]. 2 ♂♂, 2 ♀♀—[D].

Campephilus imperialis (Gould): ♂, ♀—Mexico, [D] leg. J. Gould.

Passerines

Myrmotherula erythronotus (Hartlaub): ♂—South America, [D] leg. J. Gould 1831. ♀—[D] leg. Tucker 1831.

Pyriglena atra (Swainson): ♂—[D] leg. Johnson 1833.

Calyptura cristata (Viellot): 1 ex.—[D] leg. J. Warwick 1849. 1 ex.—[D]. 1 ex.—n.l.

Cotinga maculata (Müller): imm. ♂—Brazil, [D] leg. Rumford 1835. ♂—leg. Bootle Museum 1915 (previously from R.I.L.). ♂ (mounted)—leg. Connell. ♂—n.l.

Cephalopterus penduliger Sclater: 1 ex.—[D] leg. W. Hooker 1843.

Pitta gurneyi Hume: ♂—Bankasoon, Burma, coll. W. Davison 16.4.1877, [T].

Xenicus longipes longipes (Gmelin): ♂, ♀—Karama Ranges, South Island, New Zealand, coll. 1895, leg. H. B. Tristram 1898. ♀—New Zealand, [T].

Xenicus longipes stokesii Gray: ♂—Taupo, North Island, New Zealand, coll. J. von Haast, Aug. 1866, [T].

†*Xenicus lyalli* (Rothschild): 1 ex. (formerly spirit specimen)—Stephens Island, New Zealand, leg. H. B. Tristram 1898.

Neodrepanis hypoxanthes Salomonsen: ♂—east of Tananarive, Malagasy, coll. W. D. Cowan, July 1881, [T].

Coracina typica (Hartlaub): ♂, ♀—Mauritius, coll. E. Newton, Nov. 1866, [T].

Hypsipetes borbonicus borbonicus (J. R. Forster): ♀—Reunion, coll. H. H. Slater 1875, [T].

Hypsipetes borbonicus olivaceus Jardine and Selby: ♂—Mauritius, coll. H. H. Slater 1874, [T]. 1 ex.—Mauritius, [T] leg. T. C. Eyton.

Xenopirostris polleni (Schlegel): ♂, ♀—Malagasy, coll. J. Wills 1893, [T]. ♂—Malagasy, coll. Grandidier, [T] leg. Leiden Museum.

Oriolia bernieri Geoffroy: ♂, imm. ♂—Savary, Malagasy, coll. Audebert 16.3.1878 and 17.11.1877 (imm.), [T] leg. Leiden Museum.

Troglodytes troglodytes hirtensis Seeborn: ♀, 1 ex. (formerly spirit specimens)—St. Kilda, Outer Hebrides, Scotland, leg. A. G. Ferguson 1905.

Troglodytes aedon mesoleucus (Sclater): 2 ♂♂—Fonds St. Jacques, St. Lucia, coll. G. A. Ramage, Apr. 1889, [T].

Nesomimus trifasciatus trifasciatus (Gould): ♂, ♀—Gardner Island, Galapagos Group, coll. Drowne (♂), Hull (♀) 31.10.1897, leg. W. Rothschild 1899.

Ramphocinclus brachyurus sanctaeluciae Cory: ♂, ♀—Fonds St. Jacques, St. Lucia, coll. G. A. Ramage 26.3.1889 (♂), 1.4.1889 (♀), [T].

Copsychus sebellarum Newton: 4 exx.—Marianne, Seychelles, coll. H. L. Warry 1879, [T].

Cichlberminia lherminieri sanctaeluciae (Sclater): ♂—Fonds St. Jacques, St. Lucia, coll. G. A. Ramage 23.3.1889, [T].

Phaornis palmeri Rothschild: ♂—Kauai Island, Hawaiian Islands, coll. S. B. Wilson, Sep. 1888, [T].

Turdus poliocephalus pitzhueri Layard: neotype: imm. ♂—Lifu Island, Loyalty Islands, coll. C. L. Layard 10.1.1878, [T] (see Wagstaffe 1978). 4 ♂♂, 2 ♀♀—Kepeneku, Lifu Island, coll. E. L. Layard, Aug. 1878, [T].

Turdus poliocephalus marensis Layard and Tristram: type specimen: ♂—Maré Island, Loyalty Islands, coll. E. L. Layard 22.5.1879, [T]. 3 ♂♂, ♀—Maré Island, coll. E. L. Layard, Oct. 1879 (♀), Oct. and Nov. 1881, June 1882, [T].

Turdus poliocephalus poliocephalus Latham: imm. (with attached sternum)—Norfolk Island, coll. W. M. Crowfoot 1887, [T]. ♂—Norfolk Island, coll. E. L. Layard, Oct. 1879 [T]. ♂, ♀—Norfolk Island, coll. J. H. Brenchley June 1865, [T] leg. Tweeddale Collection. 1 ex.—[D] leg. J. Leadbeater 1836. ♂—Norfolk Island, leg. Norwich Museum 1941.

Paradoxornis heudei David: ♂—Nanking, China, coll. F. W. Styan, Feb. 1890, [T]. ♀—Nanking, coll. Heude, Dec. 1872, [T].

Picathartes gymnocephalus (Temminck): imm.—Gabon, coll. Ussher, [T] leg. J. H. Gurney.

†*Gerygone igata insularis* Ramsay: 1 ex.—Lord Howe Island, coll. Saunders 1888, [T].

Petroica traversi (Buller): ♂, ♀—Little Mangare, Chatham Islands, coll. W. Hawkins 1892, [T].

Terpsiphone corvina (E. Newton): 3 ♂♂, imm. ♂, ♀—Ladigur, Seychelles, coll. H. L. Warry 1879, [T]. ♂, ♀—Seychelles, coll. 1880, [T]. ♂, ♀—[T].

Terpsiphone bourbonnensis desolata Salomonsen: ♂—Mauritius, coll. H. H. Slater 1875, [T]. ♀—Mauritius, [T] leg. A. C. Smith. ♂—Mauritius, [T] leg. E. Newton.

Pomarea mendozae (Hartlaub): imm.—Marquesas Islands, coll. J. Green, Mar. 1880, [T].

Metabolus rugensis (Hombron and Jacquinot): 4 ♂♂ (black and white plumage)—Truk Island, Caroline Islands, coll. T. Kubary 1878 (one in June), [T] leg. Museum Godeffroy, Hamburg. ♂ (cinnamon and white plumage)—Truk Island, coll. T. Kubary, June 1878, [T] leg. Museum Godeffroy.

Turnagra capensis tanagra (Schlegel): ♀—North Island, New Zealand, coll. F. Strange, [D] leg. J. Gould 1850.

Turnagra capensis (Sparrrman): ♂, ♀—Tiopo, South Island, New Zealand, coll. J. von Haast, Sep. 1873, [T]. 1 ex.—South Island, coll. Lyall, [T]. Imm.—South Island, [T] leg. Eyton Museum. ♀—Port Cooper, coll. F. Strange, [D] leg. J. Gould 1850. ♂—[D] leg. J. Gould 1850. 2 ex.—[D] leg. E. Stanley 1845. ♂—[D] leg. I. E. Warwick 1845. 1 ex.—[D] leg. J. Leadbeater 1841. ♂, ♀—Stephens Island, New Zealand, leg. W. Buller 1901.

Antreptes pallidigaster Sclater and Moreau: ♂, ♀—Amani (3000 ft), Eastern Usambara Mts., Tanzania, coll. J. G. Williams 23.9.1960, leg. J. G. Williams 1966.

Meliphaga cassidix (Gould)*: ♀—Gaskell, Melbourne, Victoria, coll. E. P. Ramsay, Jan. 1873, [T]. ♂—Western Port Bay, Port Philip Heads, Victoria, coll. S. B. Piers, [T]. ♀—Victoria, coll. S. B. Piers, [T].

Notiomystis cincta cincta (Du Bus): ♀—New Zealand, coll. Lyall 1850, [T]. ♂—New Zealand, [T]. ♂, ♀—New Zealand.

Moho braccatus (Cassin): ♂, ♀—Kauai, Hawaiian Islands, coll. Sep. 1888, [T] leg. S. B. Wilson.

†*Moho nobilis* (Merrem): ♂—Kaawaloa, Hawaii, coll. S. B. Wilson 26.5.1887, [T]. 1 ex.—Hawaiian Islands, [D] leg. Brooke 1830. 1 ex.—Hawaiian Islands, possibly coll. J. Cook, [D] leg. W. Bullock Museum. 2 ex.—Hawaii, leg. H. H. Jones 1878.

†*Anthornis melanura melanocephala* Gray: ♂, ♀—Chatham Islands, coll. W. Hawkins 1895, [T]. 2 ♂♂—Chatham Islands, coll. Lyall, [T].

Leucopoeza semperi Sclater: ♀, 1 ex.—Fonds St. Jacques, St. Lucia, coll. G. A. Ramage 5.4.1889, [T].

Palmeria dolei (Wilson): imm. ♂—Haleakala, (5000 ft.), Maui, Hawaiian Islands, coll. R. C. L. Perkins, May 1896, leg. R.S.B.A. 1900. ♂—Molokai (4–5000 ft.), Hawaiian Islands, coll. R. C. L. Perkins 9.7.1893, leg. R.S.B.A. 1900.

Hemignathus obscurus procerus Cabanis: ♂, ♀—Kauai, Hawaiian Islands, coll. S. B. Wilson. Sep. 1888, [T]. ♂, ♀—Kaholuamano, Kauai, coll. R. C. L. Perkins Oct. 1895, leg. R.S.B.A. 1900.

†*Hemignathus obscurus obscurus* (Gmelin): ♀—Hawaiian Islands, coll. J. K. Townsend, [D] leg. J. J. Audobon, June 1838. ♀—above Amaulu (2000 ft.), Hilo, Hawaii, coll. R. C. L. Perkins, Dec. 1895, leg. R.S.B.A. 1900.

Hemignathus lucidus hanapepe Wilson: ♂—Kauai, Hawaiian Islands, coll. S. B. Wilson, Sep. 1888, [T]. 1 ex.—[D] leg. J. Leadbeater 1846. 1 ex.—Kauai, [D].

Hemignathus lucidus affinis Rothschild: imm. ♂—Haleakala, Maui, Hawaiian Islands, coll. R. C. L. Perkins, Oct. 1896, leg. R.S.B.A. 1900.

Hemignathus wilsoni Rothschild: ♂—Mana, Hawaii, coll. S. B. Wilson, Mar. 1888, [T]. Imm. ♂—Kau, Hawaii, coll. R. C. L. Perkins, June 1895, leg. R.S.B.A. 1900.

*Zosteropidae: Merseyside County Museums once held a large number of specimens, including several types. They are now missing and it is feared they were destroyed when the museum was bombed during the Second World War.

Loxops coccinea coccinea (Gmelin): ♂—Hilo, Hawaii, coll. C. J. Wetmore May 1875, [T]. ♂, imm. ♀—Kau, Hawaii, coll. R. C. L. Perkins June 1895, leg. R.S.B.A. 1900.

Loxops coccinea ochracea Rothschild: ♂—Haleakala, Maui, Hawaiian Islands, coll. R. C. L. Perkins, May 1896, leg. R.S.B.A. 1900.

†*Loxops coccinea rufa* (Bloxam): ♂—Oahu, Hawaiian Islands, coll. J. K. Townsend, [D] leg. J. J. Audobon, 1838.

Paroreomyza maculata bairdi (Stejneger): ♀—Kauai, Hawaiian Islands, coll. S. B. Wilson, Sep. 1888, [T].

Paroreomyza maculata flammea (Wilson): ♂, ♀, imm.—Molokai, Hawaiian Islands, coll. R. C. L. Perkins, May 1893 (♀), 18.6.1893 (♂), 25.6.1893 (imm.), leg. R.S.B.A. 1900. [Possibly extinct].

Paroreomyza maculata montana (Wilson): ♂—Lanai, Hawaiian Islands [possibly extinct], coll. R. C. L. Perkins, Jan. 1894, leg. R.S.B.A. 1900.

Psittirostra psittacea (Gmelin): ♂—Kaawaloa, Hawaiian Islands, coll. S. B. Wilson 31.5.1887, [T]. ♀—Hawaiian Islands, [T] leg. Jardine Museum 1886. **Type specimens:** ♂, ♀—Hawaiian Islands, [D] leg. Leverian Museum 1806. ♀—Hawaiian Islands, [D] leg. J. Leadbeater 1849.

†*Loxioides palmeri* (Rothschild): ♀—Hawaii, coll. S. B. Wilson, Jan 1893, [T].

Loxioides bairdi (Oustalet): ♂—Hawaii, coll. S. B. Wilson 14.6.1887, [T].

†*Loxioides kona* (Wilson): ♀—Mauna Loa (4000 ft.), Kona district, Hawaii, coll. R. C. L. Perkins, Sep. 1892, leg. R.S.B.A. 1900.

Agelaius xanthomus xanthomus (Sclater): ♂—N. Puerto Rico, coll. R. Swift, [T] leg. U.S.N.M. 1 ex.—[D] leg. Bridges 1842.

†*Quiscalus palustris* (Swainson): ♂—Rio Lerma, Mexico, leg. Bootle Museum 1915 (previously R.I.L.).

Carduelis cucullata Swainson: ♂—Orinoco, Venezuela, coll. H. K. Coale, [T]. ♀—South America, coll. H. K. Coale, [T]. ♂—“Spanish Main”, [D] (died in Derby Aviary 1846).

Foudia sechellarum Newton: ♂, ♀—Seychelles, coll. H. L. Warry, June 1882, [T]. 2 ♀♀—Marianne, Seychelles, coll. H. L. Warry 1879, [T].

Foudia flavicans Newton: ♂—Rodriguez Island, coll. J. B. Balfour, [T].

†*Aplonis fusca bulliana* Mathews: 3 exx.—Lord Howe Island, coll. E. Saunders 1888, [T].

†*Necropsar leguati* Forbes: **type and unique specimen**—“Madagascar” (but perhaps from Met Island, off Rodriguez, *vide* Peters *et al.* 1962 (15)), [D] leg. M. Verreaux 1850.

Callaas cinerea wilsoni (Bonaparte): 1 ex.—Wellington, North Island, New Zealand, coll. W. Buller, June 1873, [T]. 1 ex.—North Island, coll. F. Burton, [T]. 1 ex.—coll. M. McDornie, [D].

Callaas cinerea cinerea (Gmelin): 2 exx.—South Island, New Zealand, [T]. **Type specimen**—Queen Charlotte Sound, coll. J. Cook, [D] leg. Leverian Museum 1806. 1 ex.—[D] leg. E. Stanley 1849. 1 ex.—[D] leg. E. Stanley 1845. 1 ex.—[D] leg. Warwick 1845. 2 exx.—[D]. 2 exx. (mounted)—n.l.

Creadion carunculatus carunculatus (Gmelin): imm. (mounted)—n.l.

†*Heteralocha acutirostris* (Gould): ♂ (mounted)—n.l.

Artamus leucorhynchus pelewensis Finsch: ♀—Palau Islands, coll. T. Kubary, [T] leg. Museum Godeffroy, Hamburg.

Corvus tropicus Kerr: ♀—Kona, Hawaii, coll. S. B. Wilson, Mar. 1888, [T].

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Preliminary review of the Clay-coloured Robin *Turdus grayi* with redesignation of the type locality of the nominate form and description of a new subspecies

by R. W. Dickerman

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In attempting to identify the races of specimens of *Turdus grayi* collected on the Pacific lowlands and in the Motagua River Valley of Guatemala during the course of studies of mosquito transmitted viruses, it became necessary to re-evaluate the geographic variation throughout the range of the species. Such a major revision was not possible with the currently available material due to the paucity of specimens in unworn plumage and also in part due to post-mortem colour changes. However, it seems important to clarify the status of the nominate population, since the designation of the type locality by Griscom (1930) appears erroneous. Because of the resultant recognition of the characters of the true nominate population, it also becomes necessary to rename the widely distributed race that has long been considered to be *Turdus grayi grayi*.

The species was described by Bonaparte (1837) from a collection of birds obtained during a "fortnight's scientific tour" in Guatemala by Col. Velazquez de Leon. The location of the species type is unknown.

Hellmayr (1938) wrote that the type was in the Lord Derby Collection, which went to the Liverpool Museum. Wagstaffe (1978) did not include it in the list of the types of the Merseyside County Museums (=Liverpool Museum), and M. J. Lagen, current Keeper of Zoology kindly confirmed by letter that the Velazquez types were not in that collection. They apparently never were in the Derby Collection. The confusion may have arisen because Bonaparte presented reports on 3 collections at the same meeting of the Zoological Society of London. The third was on a collection by Leadbeater and the statement is made (Bonaparte 1838: 119) that birds from Leadbeater were to be part of the Derby Collection.

Velazquez apparently landed at Ystapa (=Ixtapa), the only Pacific port then in use (San Jose was not established until 1853 — Squier 1858) and probably travelled via Naranja and Escuintla to Palin, and thence either through